

Amendments to the Specification:

Please replace the last paragraph On Page 26 with the following amended paragraph:

On the other hand, a second differential circuit 36A is formed by four ~~diode-connected~~ transistors Q36 to Q39 connected in parallel with each other and a diode-connected transistor Q40 having an emitter electrode connected to each of emitter electrodes of the transistors Q36 to Q39. A current source 42A is connected between a common emitter connection point of the transistors Q36 to Q40 and the GND line 34.

Please replace the last paragraph On Page 30 spanning to Page 31 with the following amended paragraph:

On the other hand, a second differential circuit 56A is formed by four ~~diode-connected~~ transistors Q56 to Q59 connected in parallel with each other and each having a base electrode connected to the circuit input terminal 51 and a diode-connected transistor Q60 having an emitter electrode connected to each of emitter electrodes of the transistors Q56 to Q59. A current source 62A is connected between a common emitter connection point of the transistors Q56 to Q60 and the GND line 54.